





## Pathways to Prosperity: New Hanover County's Plan for Jobs and Investment



Presented to the Board of County
Commissioners and the Wilmington City Council

2 April 2014

Garner Economics LLC solutions that work









## Who We Are

Garner Economics provides creative, strategic and executable value to companies, communities and organizations globally.

We are specialists as corporate site location advisors and economic development strategists.

## **Some Clients**



- Strategic Planning/Business Targeting
- ▲ Site Selection
- Workforce Assessment
- Research/Economic Analysis
- Organizational Analysis































GREATER PHOENIX









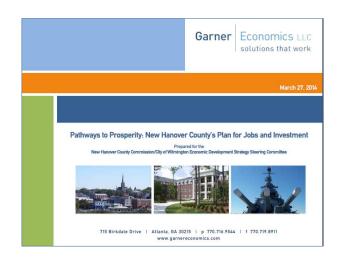












# Developing Pathways to Prosperity

Project Goal, Scope and Methodology

# **Project Process**

## Discovery

## ------Targeting

#### → Recommendations

- Assets and Challenges assessment of the area
- Competitive analysis of New Hanover County; US; NC; Greenville County, SC; and Mobile County, AL
- Stakeholder input on the business climate of the county
- Published the Competitive Realities Report

- Labor Analysis
- IndustrySpecialization
- Cluster Analysis

- Executing Effectively (Organizational)
- Building a Better
   New Hanover
   (Product
   improvement)
- Telling the Story (Product marketing)

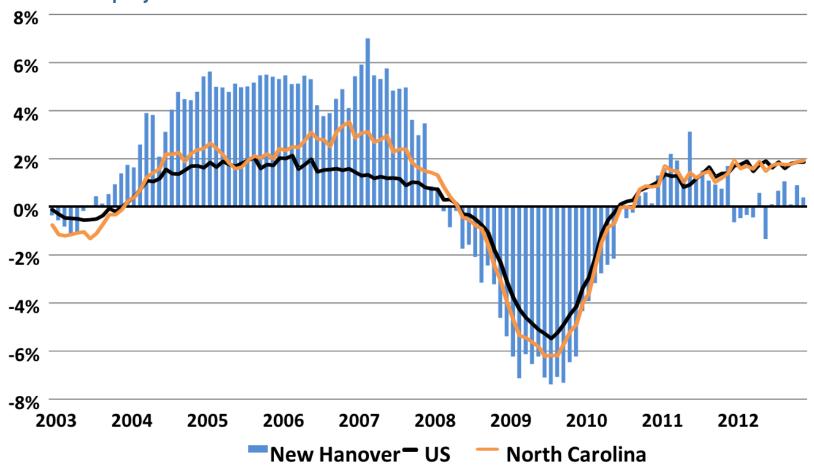
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# Why New Hanover County Must Act

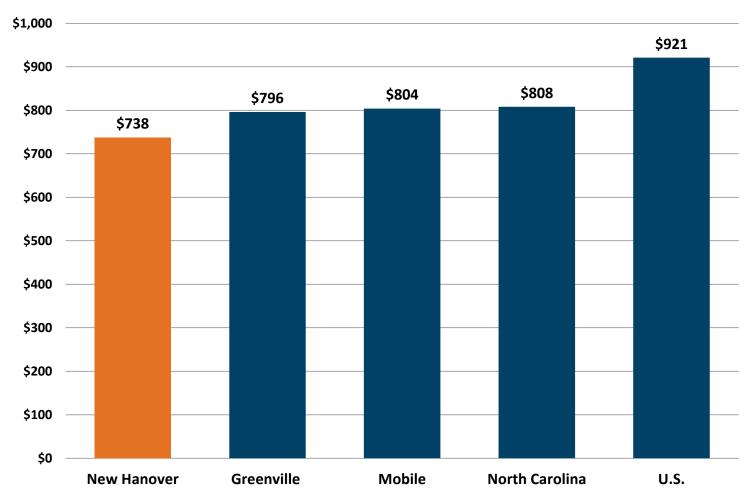
**Annual Employment Growth Rate** 







# Average Weekly Wage-2013 2Q





## Average Annual Industry Earnings Comparison

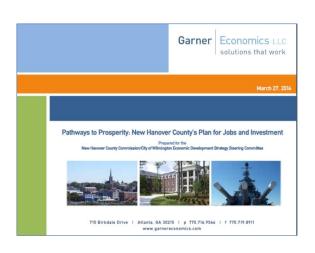
Largest Employment Sectors	Amount Above/below Avg wage	
Government	\$13,798	
Retail Trade	(\$13,623)	
Accommodation & Food Services	(\$24,861)	
Healthcare & Social Assistance	\$6,846	
Prof., Scientific & Tech Services	\$18,686	
Real Estate	(\$18,154)	
Administrative Services	(\$12,695)	
Construction	\$663	
Manufacturing	\$52,841	
Finance and Insurance	\$20,265	
Arts, Entertainment & Recreation	(\$23,506)	

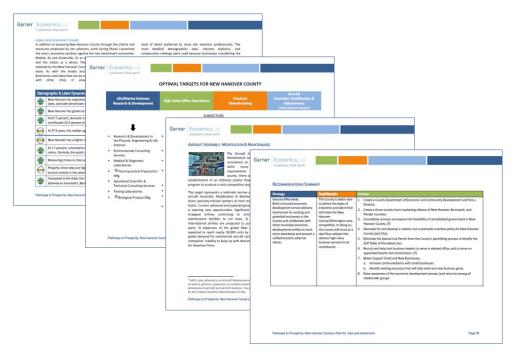
Smallest Employment Sectors	Amount Above/below Avg wage
Wholesale Trade	\$15,383
Information	\$11,124
Transportation & Warehousing	\$639
Educational Services (Private)	(\$21,051)
Management of Companies	\$54,518
Agriculture, Fishing	(\$19,261)
Utilities	\$81,550
Mining	(\$15,791)
Average NHC wage	\$42,289
NC Average	\$45,383
US Average	\$51,548



# **Project Goal**

Strengthen existing business sectors and identify emerging ones to increase private investment, job creation and wage growth







# **Project Scope**

The New Hanover Board of Commissioners engaged Garner Economics to answer three fundamental questions:

- How competitive is New Hanover County in attracting, growing and retaining companies?
- What assets does the County have? Where is it vulnerable?
- What role should the County and other organizations play in increasing the area's economic competitiveness?



# **Project Scope**

## What this strategy is and isn't:

- ED strategy versus a Community Vision
- A strategy that incorporates recruitment, retention, entrepreneurship
- Product development including talent, business climate and infrastructure enhancements
- Focused on NHC as a whole
- Not a hospitality sector strategy



# **Project Governance**

The 14-member Steering committee, led by Dr. Gary Miller at UNC-Wilmington and Dr. Ted Spring at Cape Fear Community College

## **Steering Committee**

- Served as Advisors and provided overall guidance for the project process
- Assessed direction/goals with an eye towards implementation
- Reviewed draft of final report and provided comment and feedback

## **County Staff**

- Served as point of contact for the project team
- Assisted with logistics and scheduling
- Provided copies of previous reports, specific data, etc.
- Assimilated Steering Committee feedback on final report

# Input from Stakeholders

- Garner Economics held 6 focus groups with 101 stakeholders to solicit their perceptions and opinions of the business climate in New Hanover County and the City of Wilmington
- An electronic survey was distributed by economic development partners in the County to a broader audience and had 897 responses
- Input augmented team assessments and analysis



## Common Comments & Concerns

Given their composition, the focus groups' feedback was more focused on economic development issues/concerns; Surveys responses tended to focus on quality of place and broader issues

## **Strengths**

- Quality of Place
- Recreational Amenities
- Higher Education
   Opportunities
- ILM and Port
- Arts and Culture Community

## Challenges

- Aging Infrastructure
- Lack of broad employment opportunities
- Cumbersome and onerous regulations
- Lack of leadership
- Poor worker quality
- Lack of available sites



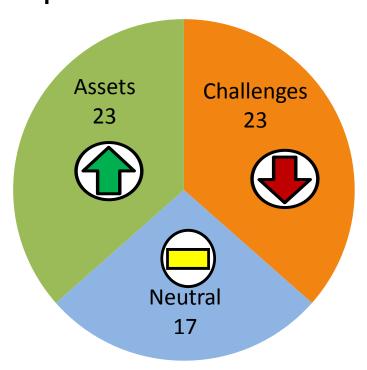
# What Citizens Want the County to Do

Top actions leadership should take to strengthen the area's ability to attract and retain quality companies and talent

- 1. Create a shared vision for economic development for the City and County and set priorities based on that vision
- 2. Find ways to consolidate the City and County government
- 3. Look at the larger region
- Improve K-12 education and create stronger linkages between schools, higher ED, and businesses
- Greatly enhance the region's infrastructure and be more proactive in addressing updates/repairs
- Cultivate true leadership—both within government and among the corporate and business leaders

# **Assets and Challenges Assessment**

Garner Economics analyzed New Hanover County against 63 factors—the same used when conducting a site/community evaluation for a company that is considering a new location, expansion, consolidation or closure.



Challenge: a weakness of a specific variable that could be an impediment to economic development success

Noutral: a variable that is considered.

**Neutral**: a variable that is considered normal or average

**Asset:** a variable that is ranked exemplary and as such should be promoted

<sup>\*</sup>Neutral ratings are noted in the Competitive Realities Report



# Strengths ①

#### Access to Markets

- Well positioned to serve international markets
- Port facilities (water or inland)
- Within 1 hour of commercial air passenger service

## Government Impact

- Availability of water and wastewater capacity
- Availability of state or local labor training incentives
- Local SAT scores
- Quality of post-secondary education

#### Labor

- Availability of technicians & scientists
- Cost of labor
- Level of local unionization
- Availability of post-secondary vocational training
- Availability of on-the-job training assistance
- Within 1/2 hour of major university/college



# Strengths ①

### **Quality of Place**

- Availability of executive-level housing
- Availability of moderate-cost housing
- Level of cultural activity
- Availability of diverse recreational opportunities
- Level of air pollution

- Attractiveness of the physical environment
- General appearance of the community
- Availability of medical care
- Quality of local restaurants
- Appearance of the Central Business District (City of Wilmington)



## Weaknesses



#### **Access to Markets**

Not centrally located for national market access

#### Labor

- Lack of availability of skilled industrial workers
- Lack of availability of managerial personnel
- Lack of availability of engineering program

#### Resources

- Lack of availability of agricultural products and/or commercial fisheries for food processing
- Lack of availability of manufacturing processes/percent of workforce in manufacturing
- Cost of electricity for industrial use (compared to the benchmark counties)



## Weaknesses



## **Economic Development**

- Low level of cooperation between various organizations involved in economic development activity
- Low level of awareness of community regarding economic development

## **Access to Capital**

Lack of local property tax
 exemptions for industrial facilities
 (NC prohibits property tax
 abatements)

## **Available Space**

- Lack of availability of fully served and attractive industrial sites
- Lack of reasonably priced sites
- Lack of availability of suitable industrial and warehouse space (buildings)



## Weaknesses



## **Government Impact**

- Lack of adequate water and sewer lines to industrial sites
- Low traffic-carrying capacity of local streets and highways
- Local business permitting procedures and costs
- Zoning policies
- State business tax climate (Tax Foundation)
- State and local sales (higher than the benchmarks)

## **Quality of Place**

 Climate and natural disaster data related to risk

## What's Important to Companies?

#### **BUSINESS FACTORS**

- 1. Availability of skilled labor
- 2. Highway accessibility
- 3. Labor Costs
- 4. Occupancy or construction costs
- 5. Availability of advanced ICT services
- 6. Available buildings and sites
- 7. Corporate tax rate
- 8. State and local incentives
- 9. Low union profile
- 10. Energy availability and costs
- 11. Tax exemptions
- 11T. Right-to-work state

#### **QUALITY-OF-PLACE FACTORS**

- 1. Low crime rate
- 2. Healthcare facilities
- 3. Housing costs
- 4. Ratings of public schools
- 5. Housing availability
- 6. Recreational opportunities
- 7. Colleges and universities in area
- 7T. Climate
- 8. Cultural opportunities

## **How New Hanover County Ranks:**

QUALITY-OF-PLACE FACTORS			
Ranking	2013	2012	NHC Score
1. Low crime rate	80.9	79.3 (1)	
2. Healthcare facilities	79.7	69.8 (2)	
3. Housing costs	75.3	66.9 (4)	
4. Ratings of public schools (SAT scores)	73.0	63.3 (5)	
5. Housing availability	71.5	69.8 (2T)	
6. Recreational opportunities	66.4	52.9 (8)	
7. Colleges and universities in area	59.5	61.6 (6)	
7T. Climate (natural disaster risk)	59.5	55.0 (7)	
8. Cultural opportunities	54.8	48.9 (9)	

## **How New Hanover County Ranks:**

SITE SELECTION FACTORS AS NOTED BY COMPANIES					
Ranking	2013	2012	NHC Score		
1. Availability of skilled labor	95.1	89.4 (3)	Mixed based on type		
2. Highway accessibility	93.5	90.1 (2)			
3. Labor Costs	90.8	90.8 (1)			
4. Occupancy or construction costs	87.4	82.8 (5)	NA		
5. Availability of advanced ICT services	84.6	85.1 (4)			
6. Available buildings and sites	83.3	78.4 (8)			
7. Corporate tax rate (NC ranks 29)	82.4	79.3 (7)			
8. State and local incentives	81.9	71.1 (13)			
9. Low union profile	81.4	73.5 (10)			
10. Energy availability and costs	80.8	81.3 (6)			
11. Tax exemptions	80.6	75.4 (9)			
11T. Right-to-work state	80.6	72.6 (11)			







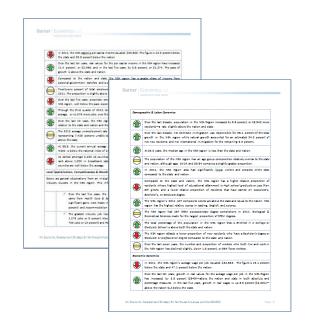
# How New Hanover County Compares

- Examined the economic position and competitiveness of New Hanover County
- Compared the region to Mobile County, AL; Greenville County, SC; North Carolina; and the US

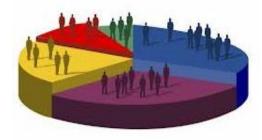
## **Dashboard Indicators**

## **Three Main Sections**

- Demographic & Labor Dynamics
- Economic Dynamics
- Local Specialization,
   Competitiveness & Growth



# **Demographic and Labor Dynamics**

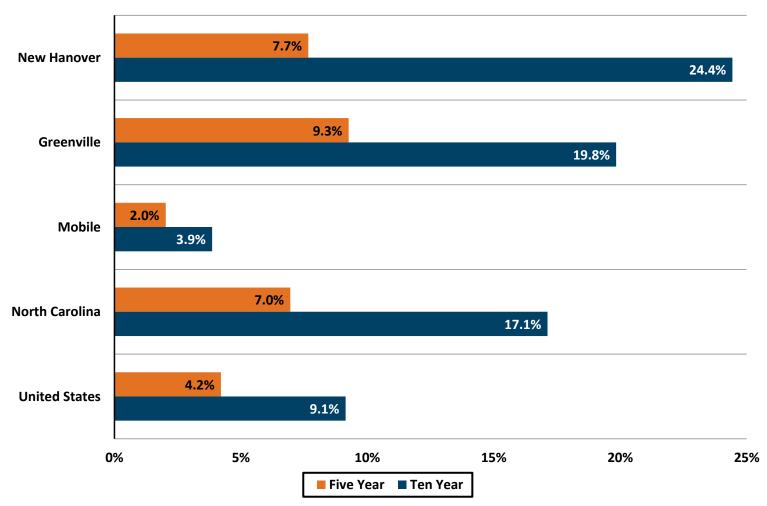


- Population and Growth
- Age
- Crime
- Education/SAT Scores
- STEM Completions
- Unionization
- Worker Flows



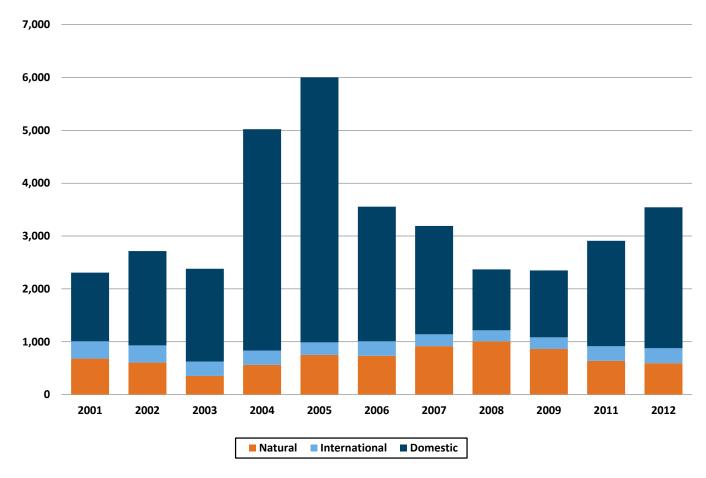


# 2000-2012 Population Change (%)





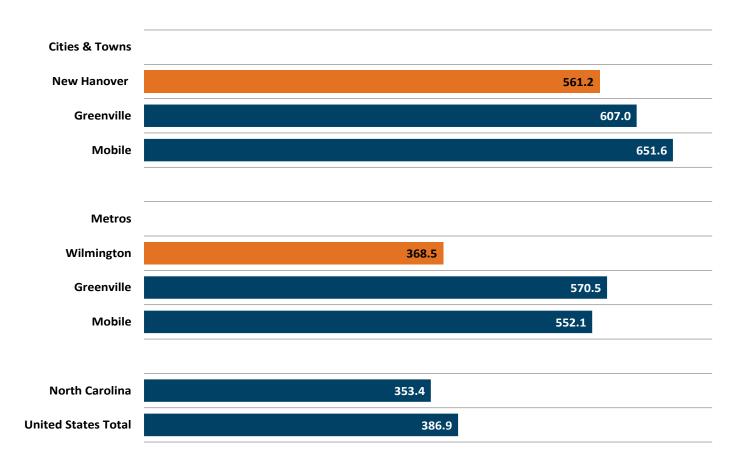
# **Sources of New Residents**







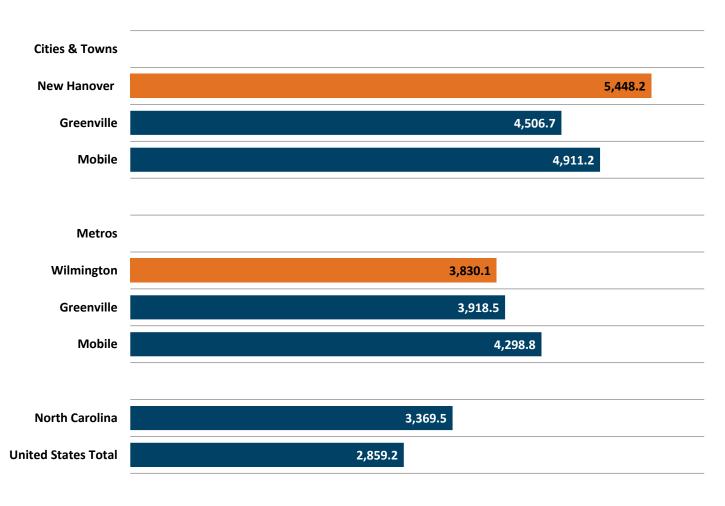
# Violent Crime Rates per 100,000 Residents 2012







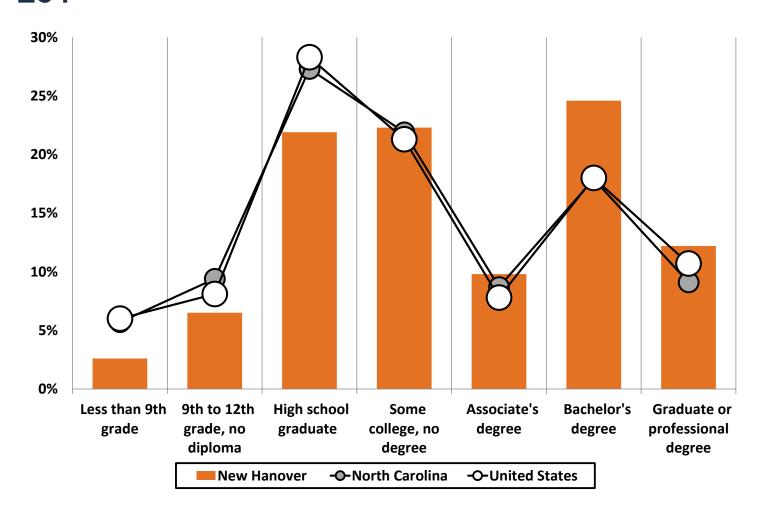
# Property Crime Rates per 100,000 Residents 2012







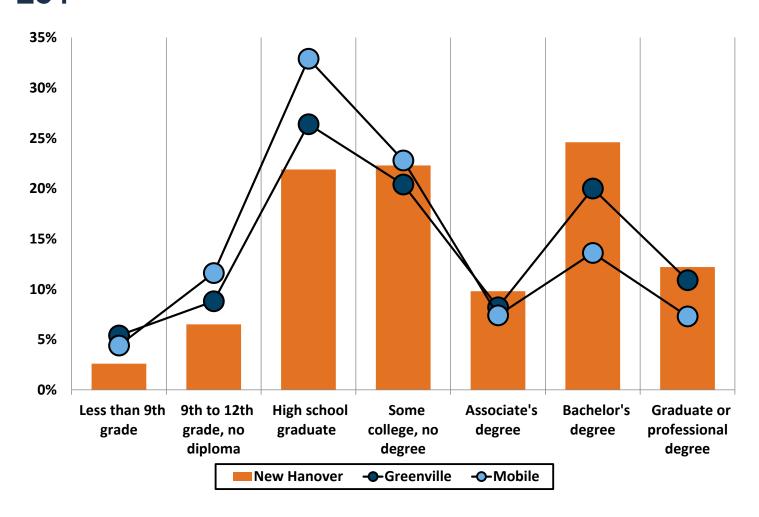
# Educational Attainment: % Total Population Age 25+





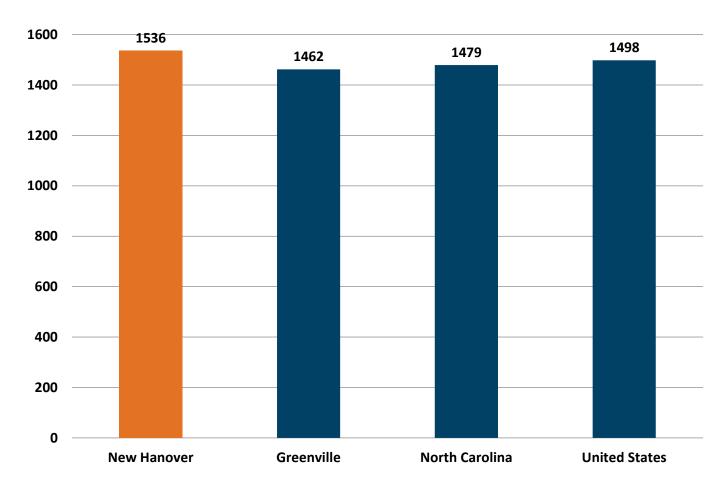


# Educational Attainment: % Total Population Age 25+





# **2012 SAT Combined Scores**

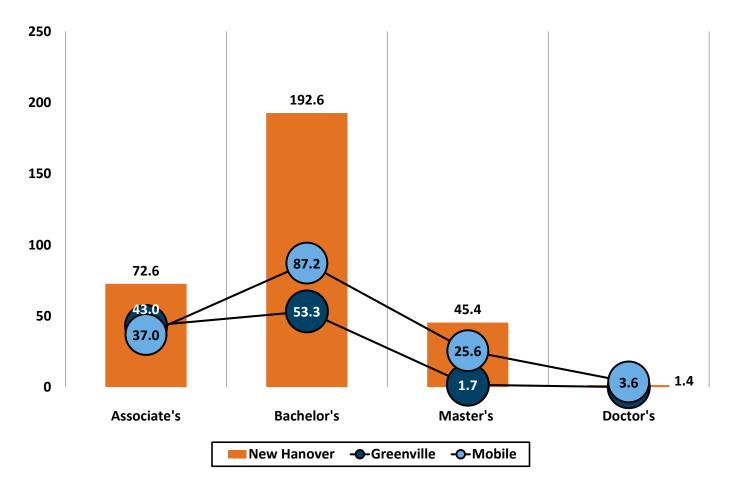


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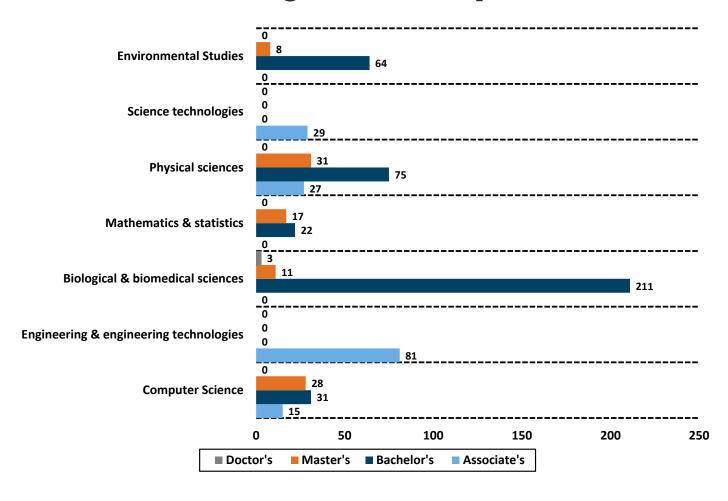
## 2012 STEM Degree Completions Per 100,000 Residents







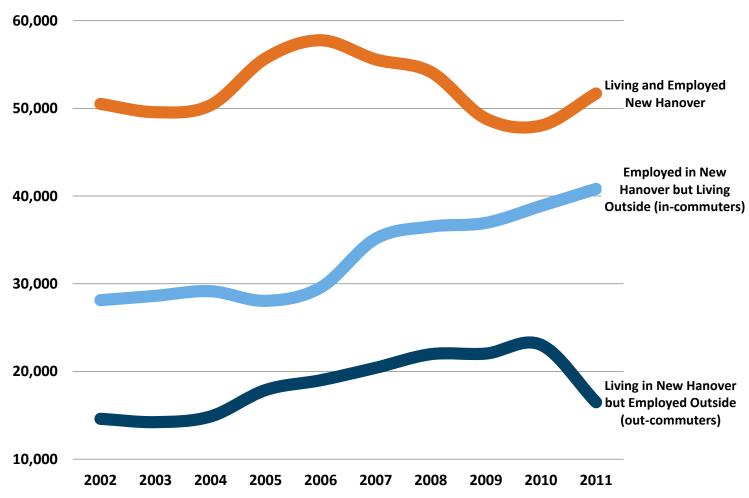
# 2012 STEM Degree Completions



36







#### **Economic Dynamics**



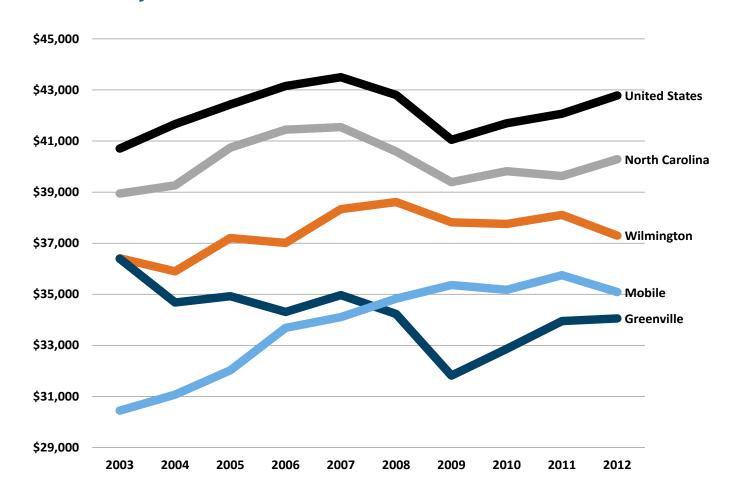
- Wages
- Income
- Self-Employment
- Employment Trends
- Unemployment
- Cost of Living
- Broadband Access
- Air Connectivity





#### Per Capita Real Gross Domestic Product

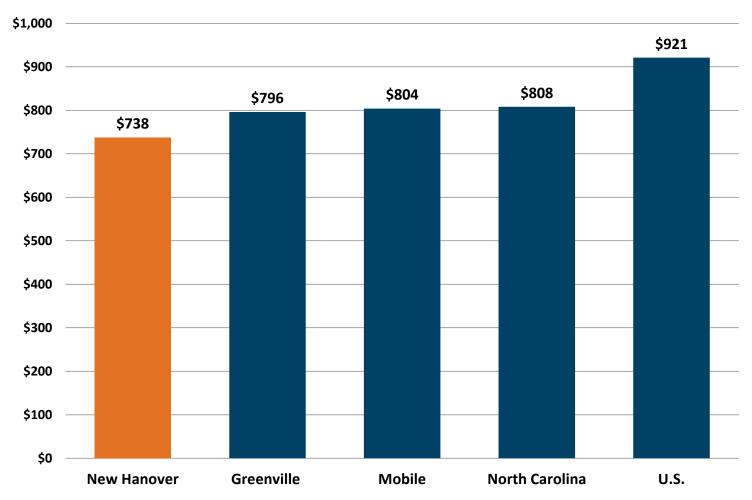
(inflation adjusted to 2005)







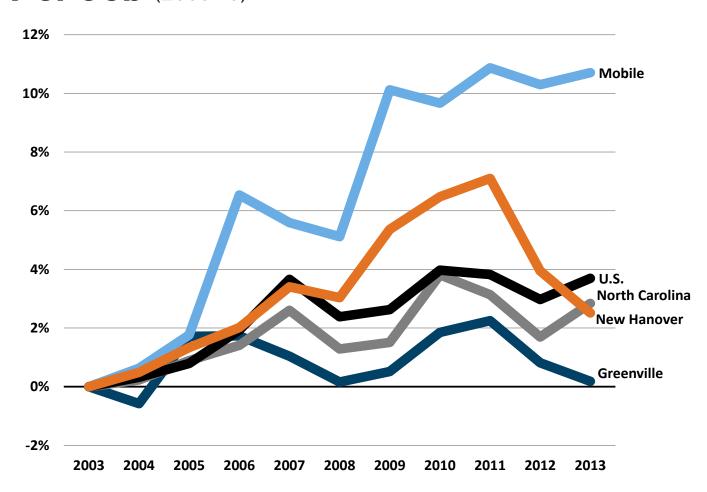
# Average Weekly Wage-2013 2Q





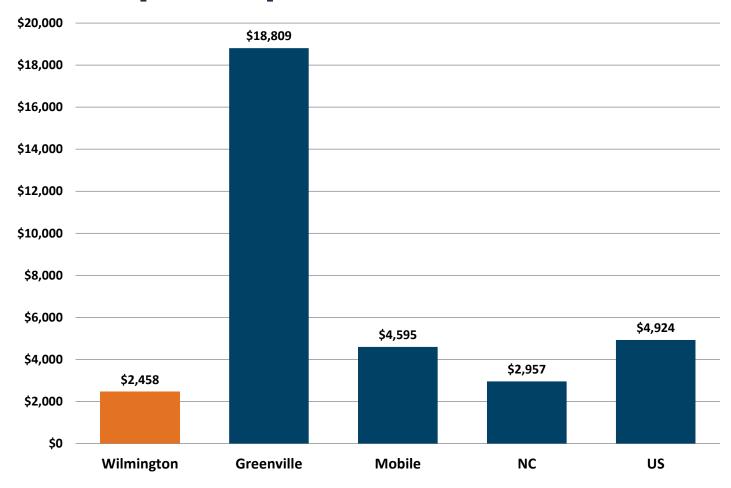


# Ten Year Change in Average Wage Per Job (2003=0)



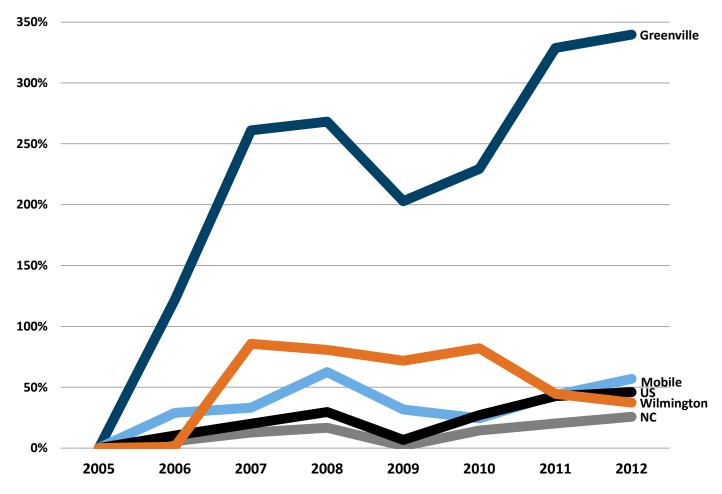


## Per Capita Exports- 2012





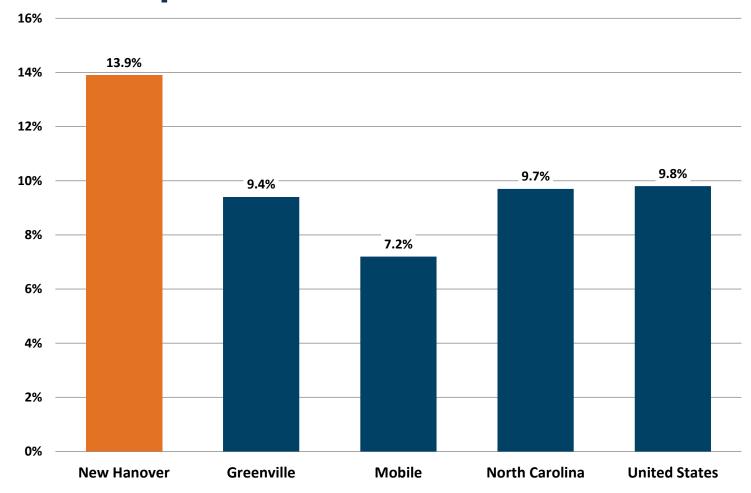
## Percent Export Change- (2005=0)







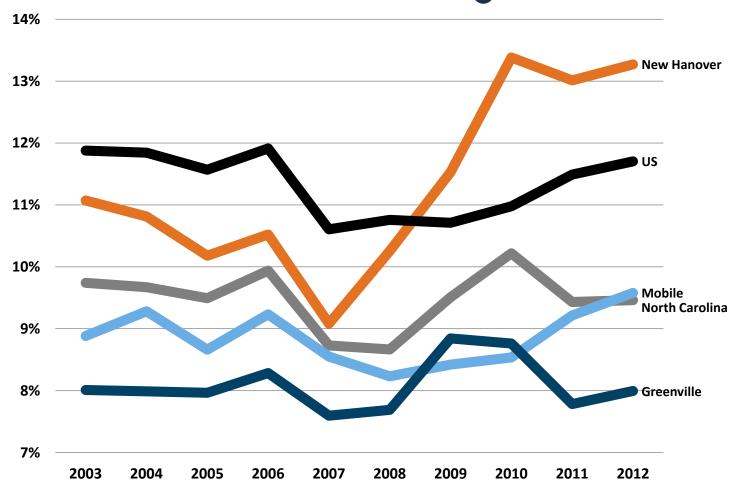
# Self-Employed as a Percent of All Occupations







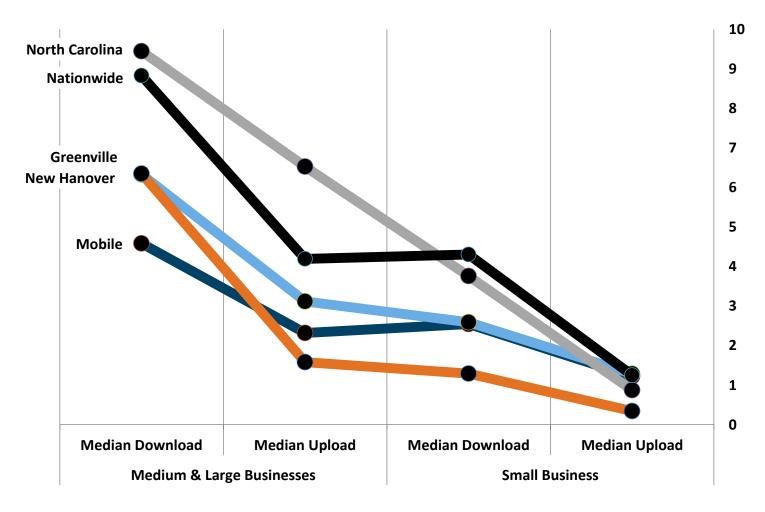
# Nonfarm Proprietors As Percent of Total Earnings







## **Broadband Speed 2012 (Mbps)**

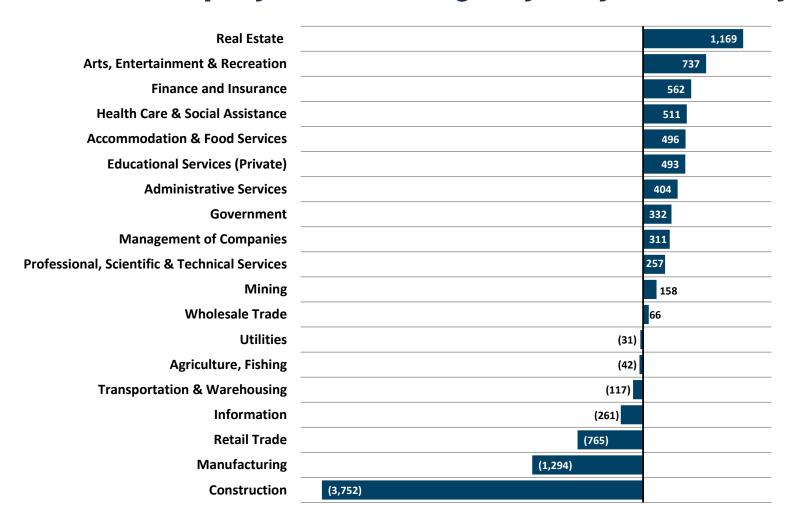


#### Local Specialization, Competitiveness & Growth

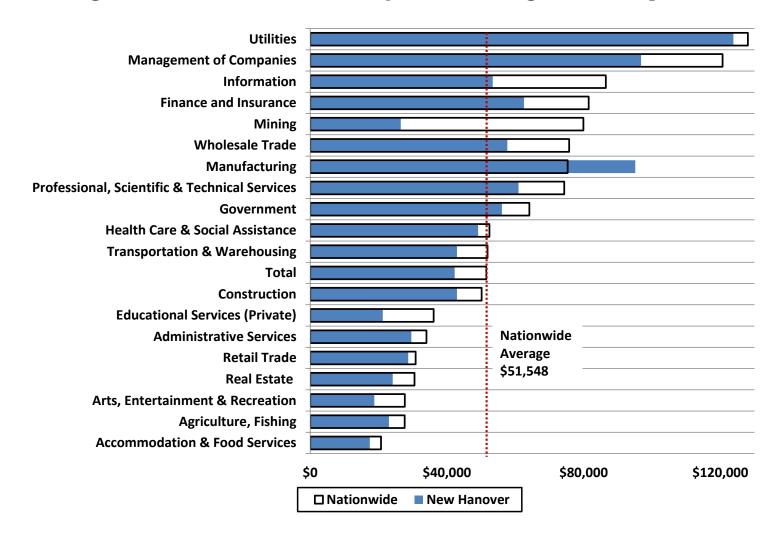


- Industry Sector Change
- Industry Earnings
- Occupational Change
- Occupational Earnings
- Cluster Specialization & Growth
- Cluster Competitiveness
- Occupational Specialization & Growth

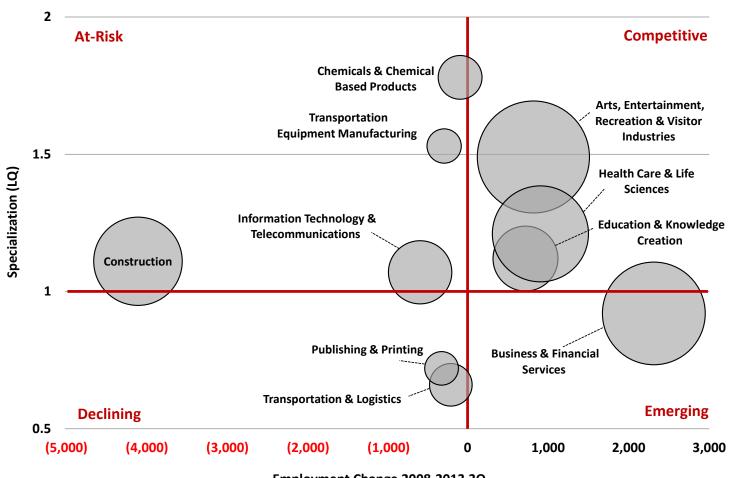
#### Five-Year Employment Change by Major Industry



#### Average Annual Industry Earnings Comparison

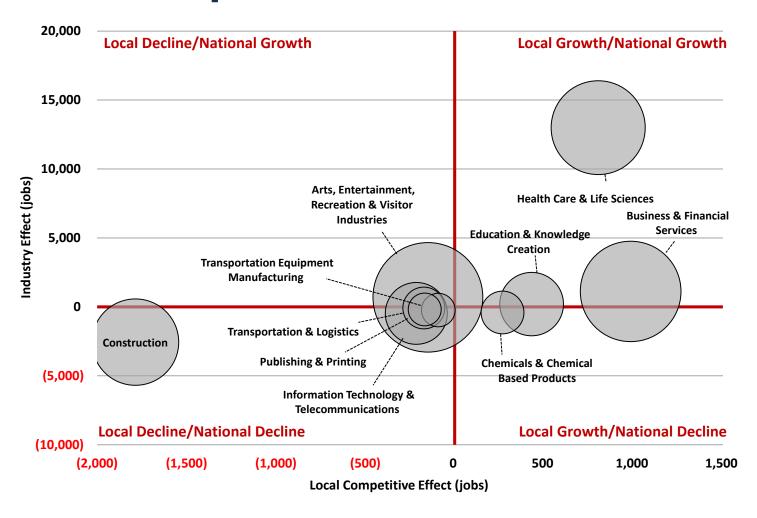


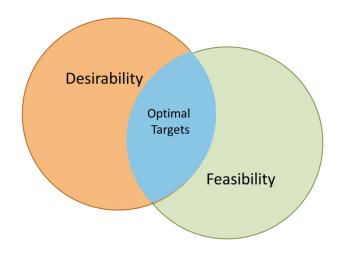
#### Cluster Specialization & Growth



Employment Change 2008-2013 3Q

## **Cluster Components of Growth**





## **Optimal Targets**

- Based on the site-specific characteristics of New Hanover County
- Four industry targets chosen based on best match with unique competitive advantages in the area

## **Optimal Targets for New Hanover County**

Life/Marine
Sciences
Research &
Development

High Value Office Operations

Precision Manufacturing

Aircraft
Assembly,
Modification &
Maintenance

(Aspirational target)

#### Life/Marine Sciences Research & Development

Subsectors	Some Rationales
<ul> <li>Research &amp; Development in the Physical, Engineering &amp; Life Sciences</li> <li>Environmental Consulting Services</li> <li>Medical &amp; Diagnostic Laboratories</li> <li>Pharmaceutical Preparation Mfg.</li> <li>Specialized Scientific &amp; Technical Consulting Services</li> <li>Testing Laboratories</li> <li>Biological Product Mfg</li> </ul>	<ul> <li>Presence of AAIPharma Services Corp., PPD, BioDuro, and Chemtex. (P)</li> <li>Presence of Marine Bio-Technologies Center of Innovation (MBCOI) and MARBIONC at UNCW. (P)</li> <li>538 annual post-secondary completions in critical fields from local institutions. (P)</li> <li>High local specialization and strong growth in the <i>Healthcare &amp; Life Sciences cluster</i>. (P)</li> <li>Strong local competitive advantage demonstrated in the <i>Healthcare &amp; Life Sciences cluster</i>. (P)</li> <li>Availability of suitable office space and office sites. (P)</li> <li>Average target subsector national earnings of \$96,396. (C)</li> </ul>

# **High Value Office Operations**

Subsectors	Some Rationales
<ul> <li>Administrative Management &amp; General Management Consulting Services</li> <li>Computer Systems Design Services</li> <li>Custom Computer Programming Services</li> <li>Financial Transactions Processing, Reserve &amp; Clearinghouse Activities</li> <li>Payroll Services</li> <li>Pension Funds</li> <li>Inbound Call Centers &amp; Other Contact Centers</li> <li>Trust, Fiduciary &amp; Custody Activities</li> </ul>	<ul> <li>Strong recent growth in the Business &amp; Financial Services cluster. (P)</li> <li>Among top recommended industry target in stakeholder focus groups. (C)</li> <li>High broadband availability. (P)</li> <li>High proportion of residents that have attained associate's, bachelor's or graduate degrees. (P)</li> <li>Average target subsector 2012 national earnings of \$74,135. (C)</li> <li>Average target subsector five-year forecasted growth of 17.6 percent. (C)</li> <li>847 annual post-secondary completions in critical fields from area institutions. (P)</li> <li>Strong existing local pool of high-demand occupations. (P)</li> <li>Strong quality of place assets. (P)</li> </ul>

# **Precision Manufacturing**

Subsectors	Some Rationales
<ul> <li>Optical Instrument &amp; Lens Mfg.</li> <li>Turbine &amp; Turbine Generate Set Units Mfg.</li> <li>Speed Changer, Industrial High-Speed Drive &amp; Gear Mfg.</li> <li>Instruments &amp; Related Products Mfg. for Measurin Displaying &amp; Controlling Industrial Process Variables</li> <li>Analytical Laboratory Instrument Mfg.</li> <li>Specialized Measuring &amp; Controlling Device Mfg.</li> <li>Medical Equipment &amp; Supplies Mfg.</li> </ul>	<ul> <li>Among top recommended industry target in stakeholder focus groups. (C)</li> <li>Availability of water and wastewater capacity. (P)</li> <li>Well positioned to serve international markets. (P)</li> <li>Low relative level of unionization. (P)</li> </ul>



#### Aircraft Assembly, Modification & Maintenance

#### aspirational target

Subsectors	Some Rationales
<ul> <li>❖ Aircraft Assembly, Overhaul &amp; Conversion</li> <li>❖ Aircraft Engine Rebuild &amp; Overhaul</li> <li>❖ Aircraft Inspection Services</li> </ul>	<ul> <li>Presence of <i>GE Aviation</i>. (P)</li> <li>High existing local industry specialization in Aerospace Product &amp; Parts Mfg. (P)</li> <li>Presence of Wilmington International Airport (ILM). (P)</li> <li>Presence of Port of Wilmington. (P)</li> <li>Average target subsector national earnings of \$96,697. (C)</li> <li>Average target subsector five-year forecasted growth of 5.5 percent. (C)</li> <li>130 annual post-secondary completions in critical fields from local institutions . (P)</li> <li>Strong existing local pool of high-demand occupations. (P)</li> <li>Well positioned to serve international markets. (P)</li> <li>Aging industry workforce. (P)</li> <li>High proportion of residents that have attained associate's, bachelor's or graduate degrees. (P)</li> <li>Availability of labor training incentives. (P)</li> </ul>

**Build a Better New Hanover** 

Tell the Story

# Where Do We Go From Here? Observations, Conclusions & Recommendations

- New Hanover County has challenges that need to be mitigated and assets upon which to build
- Recommendations are from a site-selector perspective to increase economic opportunities in New Hanover County



# Twenty-one recommendations built on three foundations:

- 1. Mitigate negative perceptions or challenges that deter increased investment
- 2. Create an environment where high quality companies and talent will want to locate
- 3. Assist the County in identifying and marketing to optimal targets to ensure more economic opportunities

<sup>\*</sup>S denotes stakeholder desired action

<sup>\*</sup>T denotes transformational recommendation



#### Strategy/Goal

Build a focused economic development service delivery mechanism for existing and potential businesses in the County and collaborate with other economic development entities to work seamlessly with external clients.

- 1. Create a County Department of Economic and Community Development and hire a Director.
- 2. Create a three-county micro marketing alliance of New Hanover, Brunswick, and Pender Counties. (S)
- Consolidate services and explore the feasibility of consolidated government in New Hanover
   County. (S)(T)
- Advocate for and develop a realistic and sustainable incentive policy for New Hanover County (and the City).





- 5. Eliminate the Special Use Permit from the County's permitting process or Modify the SUP Table of Permitted Uses.
- 6. Recruit and help train business leaders to serve in elected office, and to serve on appointed boards and commissions. (S)(T)
- 7. Better Support Small and New Businesses:
  - a. Increase communications with small businesses
  - Identify existing resources that will help small and new business grow
- 8. Raise awareness of the economic development process (and returns) among all stakeholder groups.



#### Strategy/Goal

Strengthen the County's assets and transform key areas that support the County's desire to attract and grow more high-quality economic activities.



- Make the case for sustainable funding sources to improve the County's economic development infrastructure and identify catalytic programs to use the monies effectively. (T)
- 2. Establish an Airframe and Power plant (A&P) certificate program at Cape Fear Community College. (S)
- 3. Develop hangar facilities at ILM to attract MROs and aircraft assembly operations. (S)
- 4. Advocate for the creation of a pharmacy school in the region.



- Develop a real estate portfolio of additional sites for industrial, commercial, and office development. (S)(T)
- 6. "ReBuild" New Hanover. (S)(T)
- 7. Provide the public free high-speed Internet access throughout New Hanover County.
- Advocate for the continuation of incentives for the film industry.



- 9. Facilitate regional efforts to grow the Talent Pipeline. (S)(T)
  - Support career academies or career pathways in middle and high school
  - Ensure each high school student has the ability and option to graduate from high school with an AA degree or 2 years of credit hours from a 4-year university
  - Support career awareness of cluster occupations through internships
  - Improve graduation rates by promoting entrepreneurship among the County's youth



#### Tell the Story

#### Strategy/Goal

Tell New Hanover County's economic development story more effectively to a more targeted audience of potential companies and investors.

#### Tell the Story

- Support the optimal targets by establishing industry working groups for each.
- 2. Execute a process for lead generation.
- Develop familiarization (FAM) events for consultants and companies.
- 4. Create a cadre of regional ambassadors to extend the region's brand.









#### What's Next?

#### New Hanover County's Leadership will need to:

- Facilitate and enable productive dialog to determine the next path for the County's economic development future
- Work proactively to grow the area's talent pipeline
- Advocate for a sustainable funding source to fund needed infrastructure/economic development projects
- Mitigate policies and regulations that deter further investment
- Brand and market the County and region to targeted business sectors





## Thank you!

The Pathways to Prosperity initiative has benefited greatly from the professionalism and contributions of the New Hanover County staff, the Steering Committee, and the many stakeholders who took part in the focus groups and surveys.

#### Special thanks to:

- Dr. Gary Miller and Dr. Ted Spring
- Chris Coudriet, Tim Burgess and Beth Schrader
- WBD
- Wilmington Chamber
- All of the Focus Group Participants
- All who completed the electronic survey







#### Questions?

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# Garner Economics LLC solutions that work

